

CLAIMS

What is claimed is:

- 1 1. A method comprising:
2 breaking each of at least two operative instruction streams into a plurality of
3 parts;
4 interleaving the parts into a new instruction stream.
- 1 2. A method as in claim 1 further comprising:
2 inserting into the new instruction stream an obfuscation code that interrelates
3 the parts from the operative instruction streams.
- 1 3. A method as in claim 1 further comprising:
2 transforming at least one of the parts after said breaking and before said
3 interleaving.
- 1 4. A method as in claim 3 wherein said transforming is such that the new
2 instruction stream performs at least the same logical operations of one of the
3 operative instruction streams.
- 1 5. A method as in claim 1 further comprising:
2 transforming one of the operative instruction streams before said breaking.
- 1 6. A method as in claim 1 wherein two of the operative instruction streams are
2 the same.

- 1 7. A digital processing system comprising:
2 means for breaking each of at least two operative instruction streams into a
3 plurality of parts;
4 means for interleaving the parts into a new instruction stream.
- 5 8. A digital processing system as in claim 7 further comprising:
 means for inserting into the new instruction stream an obfuscation code that
 interrelates the parts from the operative instruction streams.
- 1 9. A digital processing system as in claim 7 further comprising:
2 means for transforming at least one of the parts after said breaking and before
3 said interleaving.
- 1 10. A digital processing system as in claim 9 wherein said transforming is such
2 that the new instruction stream performs at least the same logical operations of
3 one of the operative instruction streams.
- 1 11. A digital processing system as in claim 7 further comprising:
2 means for transforming one of the operative instruction streams before said
3 breaking.
- 1 12. A digital processing system as in claim 7 wherein two of the operative
2 instruction streams are the same.

1 13. A machine readable media containing executable computer program
2 instructions which when executed by a digital processing system cause said
3 system to perform a method comprising:
4 breaking each of at least two operative instruction streams into a plurality of
5 parts;
6 interleaving the parts into a new instruction stream.

1 14. A machine readable media as in claim 13 wherein the method further
2 comprises:
3 inserting into the new instruction stream an obfuscation code that interrelates
4 the parts from the operative instruction streams.

1 15. A machine readable media as in claim 13 wherein the method further
2 comprises:
3 transforming at least one of the parts after said breaking and before said
4 interleaving.

1 16. A machine readable media as in claim 15 wherein said transforming is such
2 that the new instruction stream performs at least the same logical operations of
3 one of the operative instruction streams.

1 17. A machine readable media as in claim 13 wherein the method further
2 comprises:

3 transforming one of the operative instruction streams before said breaking.

1 18. A machine readable media as in claim 13 wherein two of the operative
2 instruction streams are the same.

1 19. A processing system for combining computer instruction streams, said
2 processing system comprising:
3 a processor;
4 a memory coupled to said processor, said memory storing at least two
5 operative instruction streams, said processor breaking each of the
6 streams into a plurality of parts, said processor interleaving the parts
7 into a new instruction stream.

1 20. A processing system as in claim 19 wherein said processor inserts into the
2 new instruction stream an obfuscation code that interrelates the parts from the
3 operative instruction streams.

1 21. A processing system as in claim 19 wherein said processor transforms at least
2 one of the parts after breaking each of the streams and before interleaving the
3 parts.

1 22. A processing system as in claim 21 wherein said transforming is such that the
2 new instruction stream performs at least the same logical operations of one of
3 the operative instruction streams.

1 23. A processing system as in claim 19 wherein said processor transforms one of
2 the operative instruction streams before breaking each of the streams.

1 24. A processing system as in claim 19 wherein two of the operative instruction
2 streams are the same.

1 25. A machine readable media containing an obfuscated instruction stream which
2 is executable by a digital processing system, said obfuscated instruction
3 stream is produced by a method comprising:
4 breaking each of at least two operative instruction streams into a plurality of
5 parts;
6 interleaving the parts into a new instruction stream.

1 26. A machine readable media as in claim 25 wherein the method further
2 comprises:
3 inserting into the new instruction stream obfuscation codes that interrelate the
4 parts from the operative instruction streams.

1 27. A machine readable media as in claim 25 wherein the method further
2 comprises:
3 transforming at least one of the parts after said breaking and before said
4 interleaving.

1 28. A machine readable media as in claim 27 wherein said transforming is such
2 that the new instruction stream performs at least the same logical operations of
3 one of the operative instruction streams.

1 29. A machine readable media as in claim 25 wherein the method further
2 comprises:
3 transforming the operative instruction streams before said breaking.

1 30. A machine readable media as in claim 25 wherein two of the operative
2 instruction streams are the same.

1 31. A method comprising:
2 storing an obfuscated stream;
3 executing said obfuscated stream, wherein said obfuscated stream comprises
4 parts which are interleaved, said parts having been taken from at least
5 two operative instruction streams.

1 32. A method as in claim 31 wherein said obfuscated stream further comprises an
2 obfuscation code that interrelates the parts from the operative instruction
3 streams.

- 1 33. A method as in claim 31 wherein at least one of said parts has been
2 transformed before said parts are interleaved and after said parts are taken
3 from the operative instruction streams.
- 1 34. A method as in claim 31 wherein at least one of said parts has been so
2 transformed before said parts are interleaved and after said parts are taken
3 from the operative instruction streams that the obfuscated stream performs at
4 least the same logical operations of one of the operative instruction streams.
- 1 35. A method as in claim 31 wherein one of the operative instruction streams has
2 been transformed before said parts are taken from the operative instruction
3 streams.
- 1 36. A method as in claim 31 wherein two of the operative instruction streams are
2 the same.
- 1 37. A machine readable media containing executable computer program
2 instructions which when executed by a digital processing system cause said
3 system to perform a method comprising:
4 storing an obfuscated stream;
5 executing said obfuscated stream, wherein said obfuscated stream comprises
6 parts which are interleaved, said parts having been taken from at least
7 two operative instruction streams.

1 38. A machine readable media as in claim 37 wherein said obfuscated stream is
2 stored temporarily in DRAM.

1 39. A machine readable media as in claim 37 wherein said obfuscated stream
2 further comprises an obfuscation code that interrelates the parts from the
3 operative instruction streams.

1 40. A machine readable media as in claim 39 wherein said obfuscated stream is
2 stored temporarily in DRAM.

1 41. A machine readable media as in claim 37 wherein at least one of said parts has
2 been transformed before said parts are interleaved and after said parts are
3 taken from the operative instruction streams.

1 42. A machine readable media as in claim 41 wherein said obfuscated stream is
2 stored temporarily in DRAM.

1 43. A machine readable media as in claim 37 wherein at least one of said parts has
2 been so transformed before said parts are interleaved and after said parts are
3 taken from the operative instruction streams that the obfuscated stream
4 performs at least the same logical operations of one of the operative
5 instruction streams.

- 1 44. A machine readable media as in claim 37 wherein one of the operative
2 instruction streams has been transformed before said parts are taken from the
3 operative instruction streams.
- 1 45. A machine readable media as in claim 44 wherein said obfuscated stream is
2 stored temporarily in DRAM.
- 1 46. A machine readable media as in claim 37 wherein two of the operative
2 instruction streams are the same.
- 1 47. A machine readable media as in claim 46 wherein said obfuscated stream is
2 stored temporarily in DRAM.